

REMARKS

The only issues outstanding in the Office Action mailed January 7, 2009, are the rejections under 35 U.S.C. 103. Reconsideration of these issues in view of the following discussion, is respectfully requested.

Claims 1, 2, 7, 10, 11, 12, 13 and 28-31 are rejected under 35 U.S.C. 103 over Schmukler '135 taken with Tanaka '838. Reconsideration of this rejection is respectfully requested.

It is noted at page 3 of the office action that Schmukler teaches an adhesive composition for bonding polyolefin substrates to polar substrates. The office action admits that Schmukler does not teach that the grafted copolymer can be a blend of metallocene polyethylene and a polypropylene homopolymer or copolymer. This is true. The office action argues, however, that Tanaka teaches a composition which meets the requirements of the present claims, and which would be obvious to employ in Schmukler as the grafted copolymer. However, Applicants respectfully disagree that the copolymer of Tanaka suggests that of the present claims.

First, Tanaka's copolymers do not meet the present claims, inasmuch as they are not cografted. Claim 1 recites a blend of polymers (C1) and (C2) "being cografted" by an unsaturated carboxylic acid or functional derivative thereof. Tanaka teaches that its polyolefin can be graft copolymerized with a grafting monomer, see column 3, lines 17-22 and teaches that the ethylene-alpha-olefin copolymer can also be graft. However, at column 3, patentees discuss various method for grafting copolymerizing the polyolefin, such as melt modification or solution modification, and indicate that for polypropylene a solution modification is desirable. See column 3, lines 60-65. It is further evident from example 1 that patentees polymerized previously graft-modified polymers. In the example, a graft-modified polypropylene is combined with a graft-modified ethylene/butene copolymer. "Cografting" is therefore clearly not taught in the reference.

In addition, it is submitted that Tanaka fails to disclose metallocene polyethylenes. Metallocene polyethylenes are defined in the present specification at page 5, line 36 - page 6, line 8, as polymers obtained by the copolymerization of ethylene with an alpha-olefin in the presence of a metallocene catalyst. Such catalysts, as is well known (and also noted in the first paragraph at page 6 of the specification) are metals having two alkyl cyclic molecules

linked thereto. The office action argues that the polyolefins produced in Tanaka are produced with a metallocene catalyst, citing the examples. (See page 3 of the office action). However, the catalysts disclosed, for example at column 3, lines 5-7, are typical Ziegler-Natta catalysts. See the attached. Thus, the "V-type" catalyst referred to in the examples,(Vanadium), is not a metallocene catalyst, but a Ziegler-Natta catalyst.

Accordingly, it is submitted that Tanaka fails to disclose a material which, even if it were substituted into the structure of the primary reference, would result in a construction in accordance with the present claims. Withdrawal of this rejection is therefore respectfully requested.

Claims 1-8 and 10-31 have been rejected under 35 U.S.C. 103 over Rantanen taken with Schmukler and Tanaka. Reconsideration of this rejection is also respectfully requested. It is submitted that the combination of Schmukler and Tanaka, as discussed above, fails to result in a construct which would suggest the present claims to one of ordinary skill in the art. Accordingly, it is submitted that this combination of references also fails to suggest the present claims. It is moreover noted that, with respect to claim 27, the metal layer in Rantanen is considerably thicker, note column 2, lines 11-12 disclosing foils of a thickness of 9 to 18 microns. It is thus submitted that this disclosure does not suggest claim 27 in which metal layer 1 has a thickness of 50 to 500Å.

Accordingly, it is submitted that this combination of references also fails to suggest the present claims, and withdrawal of the rejection thereof is respectfully requested.

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The claims of the application are submitted to be in condition for allowance.
However, if the Examiner has any questions or comments, he is cordially invited to telephone
the undersigned at the number below.

Respectfully submitted,

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